

## 2. KR1992-0009249

- (1) Status: Abandoned
- (2) Title: METHOD AND APPARATUS FOR COMMUNICATION CHANNEL IDENTIFICATION AND SIGNAL RESTORATION
- (3) Applicant: Koninklijke Philips Electronics N.V.
- (4) Abstract

A test signal is transmitted over a communication channel and the signal is received by a receiver. The temporal evolution of the test signal is represented in a matrix and the inverse of the test signal evolution matrix is stored in the receiver. Samples of the received signal and the test signal evolution matrix inverse are used to compute the channel impulse response, and the values of the channel impulse response set signal restoration filter coefficient values. The received signal is then restored by filtering.